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In re Application of : Plamen A. DEMIREV et al.

TECH CENTER 1600/2900

Serial No.: 09/856,044 *ngn*

Group Art Unit: Unassigned

Filed: May 17, 2001

Examiner: Unassigned

For: METHODS FOR IDENTIFYING AND CLASSIFYING ORGANISMS BY MASS SPECTROMETRY AND DATABASE SEARCHING

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Assistant Commissioner for Patents
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- ☐ Copies of materials listed but not attached were cited in parent application Serial No. _____.
- ☐ Copies of materials listed but not attached were cited in an International Search Report dated _____; receipt of any International Search Report and copies of references were confirmed by the PCT International Division of the U.S. PTO in the Notice of Acceptance mailed _____.
- ☐ Also included are the pending U.S. applications listed below, copies of which are attached:

FEES

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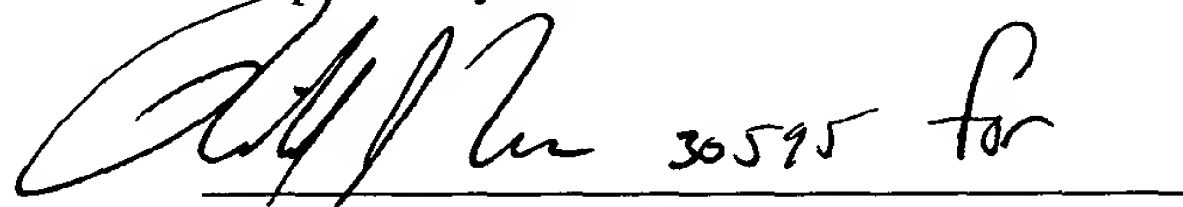
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- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
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Respectfully submitted,



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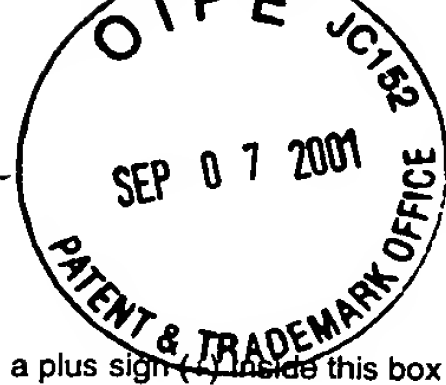
Application Number	09/856,044
Filing Date	May 17, 2001
First Named Inventor	Plamen A. DEMIREV et al.
Group Art Unit	Unknown
Examiner Name	Unassigned
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Application Number	09/856,044
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First Named Inventor	Plamen A. DEMIREV et al.
Group Art Unit	Unknown
Examiner Name	Unassigned
Attorney Docket Number	UMARY-5

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Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	14. ✓	Fernando J. Pineda et al., "Testing the Significance of Microorganism Identification by Mass Spectrometry and Proteome Database Search", Anal. Chem., Vol. 72, pp. 3739-3744 (2000)	
	15. ✓	Yuqin Dai et al., "Two-layer Sample Preparation: A method for MALDI-MS Analysis of Complex Peptide and Protein Mixtures", Anal. Chem., Vol. 71, pp. 1087-1091 (1999)	
	16. ✓	R. A. Van Bogelen et al., "Escherichia coli Proteome Analysis Using the Gene-Protein Database", Electrophoresis, Vol. 18, pp. 1243-1251 (1997)	
	17. ✓	J. D. Cavalcoli et al., "Unique Identification of Proteins from Small Genome Organisms: Theoretical Feasibility of High Throughput Proteome Analysis", Electrophoresis, Vol. 18, pp. 2703-2708 (1997)	
	18. *	T. Krishnamurthy et al., "Rapid Identification of Bacteria by Direct Matrix-Assisted Laser Desorption/Ionization Mass Spectrometric Analysis of Whole Cells", Univ. of Washington School of Medicine	
	19. ✓	X. Liang et al., "Determination of Bacterial Protein Profiles by Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry with...", Rapid Comm. in Mass Spectrometry, Vol. 10, pp. 1219-1226 (1996)	
	20. ✓	I. Humphrey-Smith et al., "Proteome Analysis: Genomics via the Output Rather than the Input Code", Journal of Protein Chemistry, Vol. 16, No. 5, pp. 537-544 (1997)	
	21. ✓	John R. Yates, III, "Mass Spectrometry and the Age of the Proteome", J. of Mass Spectrometry, Vol. 33, pp. 1-19 (1998)	
	22. *	J. H. M. van Adrichem et al., "Investigation of protein patterns in mammalian cells and culture supernatants by matrix-assisted laser desorption/ionization...", Anal. Chem., Vol. 70, pp. 923-930 (1998)	
	23.	M. L. Easterling, "Monitoring Protein Expression in Whole Bacterial Cells with MALDI Time-of-Flight Mass Spectrometry", Anal. Chem., Vol. 70, pp. 2704-2709 (1998)	
	24. *	S. J. Cordwell et al., "Proteome analysis of Spiroplasma melliferum (A56) and protein characterization across species boundaries", Electrophoresis, Vol. 18, pp. 1335-1346 (1997)	

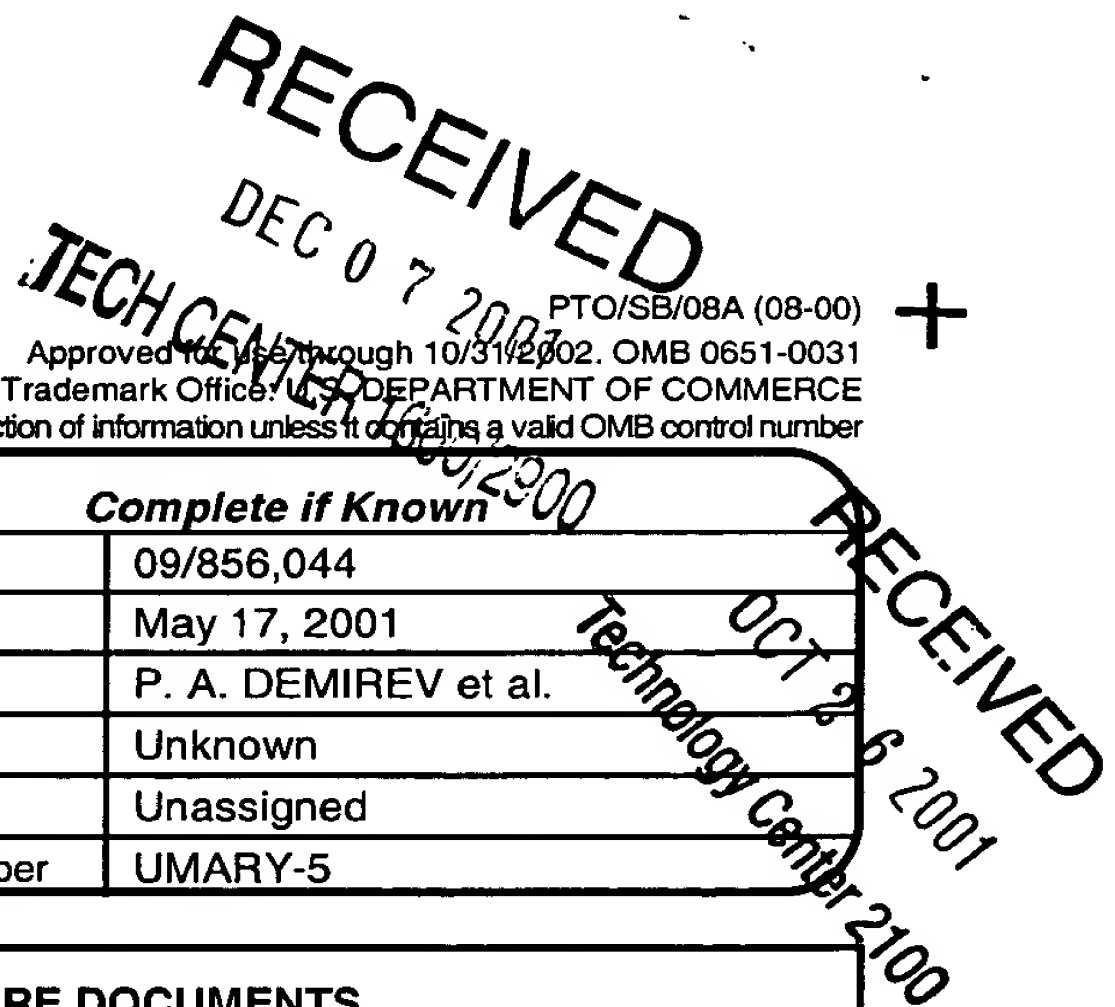
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	25.	Walter P. Blackstock et al., "Proteomics: Quantitative and Physical Mapping of Cellular Proteins", TIBTECH, Vol. 17, pp. 121-127 (1999)	
	26.	Fred W. McLafferty et al., "Techview: Biochemistry, Biomolecular Mass Spectrometry", SCIENCE, Vol. 284, pp. 1289-1290 (1999)	

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